

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2038898	benzene phosphinic acid	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:48
L2	52564	flowable	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:49
L3	21715	L1 and L2	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:49
L4	1145219	Silicon dioxide	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:49
L5	10888	L3 and L4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:49
L6	207845	Pellets	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:50
L7	2496	L5 and L6	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:50
L8	11556	Briquettes	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:50
L9	2242	L6 and L8	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:51
L10	2141	L1 and L8	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 15:52

# EAST Search History */ Interference search.*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	630892	Benzene phosphinic acid.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:33
L2	575729	inert binder.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:34
L3	904250	silicon dioxide.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:34
L4	206666	L1 and L2	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:34
L5	54221	L3 and L4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:35
L6	85479	flowable matter.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:35
L7	1060	L5 and L6.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:35
L8	11519	blended.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:35
L9	65	L7 and L8.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:36

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	630892	Benzene phosphinic acid.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:33
L2	575729	inert binder.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:34
L3	904250	silicon dioxide.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:34
L4	206666	L1 and L2	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:34
L5	54221	L3 and L4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:35
L6	85479	flowable matter.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:35
L7	1060	L5 and L6.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:35
L8	11519	blended.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:35
L9	65	L7 and L8.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/06/21 17:36

US 20050234336 A1 method for marking tissue et al.	US-PGPUB 600/431	20051020 29	Apparatus and Beckman, Andrew T.
US 20050100470 A1 open cell material	US-PGPUB 419/2	20050512	Method of making Lefebvre, Louis-Philippe et al.
US 20050070732 A1 acid with improved flowability al.	US-PGPUB 558/71	20050331 5	Benzene phosphinic Bolomey, Pascal V. et
US 20050046321 A1 313/112	US-PGPUB Suga, Yoshinori et al.	20050303	Display apparatus
US 20040167023 A1 receiver element comprising a silicone release agent in the dye-image receiving layer 503/201.	US-PGPUB Arrington, Eric E. et al.	20040826	Thermal dye-transfer
US 20040040715 A1 blending agent from a hydrocarbon containing formation Wellington, Scott Lee et al.	US-PGPUB	20040304	In situ production of a 166/302
US 20040020642 A1 a hydrocarbon containing formation using conductor-in-conduit heat sources with an electrically conductive material in the overburden Vinegar, Harold J. et al.	US-PGPUB	20040205 166/245	In situ recovery from
US 20030209348 A1 processing and remediation of an oil shale formation Ward, John Michael et al.	US-PGPUB	20031113	In situ thermal 166/256
US 20030205378 A1 lean and rich zones in a hydrocarbon containing formation Wellington, Scott Lee et al.	US-PGPUB	20031106	In situ recovery from 166/302
US 20030201098 A1 a hydrocarbon containing formation using one or more simulations Karanikas, John Michael et al.	US-PGPUB	20031030	In situ recovery from 166/53 702/12
US 20030196810 A1 hydrocarbon containing formation after heating Vinegar, Harold J. et al.	US-PGPUB	20031023 166/300	Treatment of a
US 20030196801 A1 processing of a hydrocarbon containing formation via backproducing through a heater well 166/263	US-PGPUB Vinegar, Harold J. et al.	20031023	In situ thermal
US 20030196789 A1 processing of a hydrocarbon containing formation and upgrading of produced fluids prior to further treatment 166/64	US-PGPUB Wellington, Scott Lee et al.	20031023	In situ thermal
US 20030196788 A1 hydrocarbons and non-hydrocarbon containing materials when treating a hydrocarbon containing formation 166/57	US-PGPUB Vinegar, Harold J. et al.	20031023	Producing
US 20030192693 A1 processing of a hydrocarbon containing formation to produce heated fluids 166/267	US-PGPUB Wellington, Scott Lee	20031016	In situ thermal

US 20030192691 A1	US-PGPUB	20031016	In situ recovery from
a hydrocarbon containing formation using barriers		166/250.12	
Vinegar, Harold J. et al.			
US 20030183390 A1	US-PGPUB	20031002	Methods and systems
for heating a hydrocarbon containing formation in situ with an opening contacting the			
earth's surface at two locations	166/302		Veenstra,
Peter et al.			
US 20030178191 A1	US-PGPUB	20030925	In situ recovery from
a kerogen and liquid hydrocarbon containing formation		166/65.1	
Maher, Kevin Albert et al.			
US 20030173085 A1	US-PGPUB	20030918	Upgrading and
mining of coal	166/302	299/14	
			Vinegar, Harold J. et al.
US 20030173082 A1	US-PGPUB	20030918	In situ thermal
processing of a heavy oil diatomite formation		166/272.2	
Vinegar, Harold J. et al.			
US 20030173081 A1	US-PGPUB	20030918	In situ thermal
processing of an oil reservoir formation		166/272.1	
Vinegar, Harold J. et al.			
US 20030173080 A1	US-PGPUB	20030918	In situ thermal
processing of an oil shale formation using a pattern of heat sources		166/256	
Berchenko, Ilya Emil et al.			
US 20030173078 A1	US-PGPUB	20030918	In situ thermal
processing of an oil shale formation to produce a condensate		166/250.07	
Wellington, Scott Lee et al.			
US 20030173072 A1	US-PGPUB	20030918	Forming openings in
a hydrocarbon containing formation using magnetic tracking		166/66.5	
Vinegar, Harold J. et al.			
US 20030164239 A1	US-PGPUB	20030904	In situ thermal
processing of an oil shale formation in a reducing environment		166/302	
166/60	Wellington, Scott Lee et al.		
US 20030155111 A1	US-PGPUB	20030821	In situ thermal
processing of a tar sands formation		166/59	
al.			
US 20030148894 A1	US-PGPUB	20030807	In situ thermal
processing of an oil shale formation using a natural distributed combustor			
507/200	Vinegar, Harold J. et al.		
US 20030146002 A1	US-PGPUB	20030807	Removable heat
sources for in situ thermal processing of an oil shale formation		166/384	
Vinegar, Harold J. et al.			
US 20030142964 A1	US-PGPUB	20030731	In situ thermal
processing of an oil shale formation using a controlled heating rate		392/301	
Wellington, Scott Lee et al.			
US 20030141068 A1	US-PGPUB	20030731	In situ thermal
processing through an open wellbore in an oil shale formation		166/302	
166/60	Pierre de Rouffignac, Eric et al.		

US 20030141067 A1	US-PGPUB	20030731	In situ thermal processing of an oil shale formation to increase permeability of the formation
166/302	166/60		Rouffignac, Eric Pierre de et al.
US 20030141066 A1	US-PGPUB	20030731	In situ thermal processing of an oil shale formation while inhibiting coking
		166/302	166/60. Karanikas, John Michael et al.
US 20030137181 A1	US-PGPUB	20030724	In situ thermal processing of an oil shale formation to produce hydrocarbons having a selected carbon number range
	299/5		Wellington, Scott Lee et al.
US 20030136559 A1	US-PGPUB	20030724	In situ thermal processing while controlling pressure in an oil shale formation
		166/250.01	Wellington, Scott Lee et al.
US 20030136558 A1	US-PGPUB	20030724	In situ thermal processing of an oil shale formation to produce a desired product
		166/245	Wellington, Scott Lee et al.
US 20030131996 A1	US-PGPUB	20030717	In situ thermal processing of an oil shale formation having permeable and impermeable sections
166/272.1			Vinegar, Harold J. et al.
US 20030131995 A1	US-PGPUB	20030717	In situ thermal processing of a relatively impermeable formation to increase permeability of the formation
	166/272.1		de Rouffignac, Eric Pierre et al.
US 20030131994 A1	US-PGPUB	20030717	In situ thermal processing and solution mining of an oil shale formation
		166/256	Vinegar, Harold J. et al.
US 20030131993 A1	US-PGPUB	20030717	In situ thermal processing of an oil shale formation with a selected property
		166/256	Zhang, Etuan et al.
US 20030130136 A1	US-PGPUB	20030710	In situ thermal processing of a relatively impermeable formation using an open wellbore
507/200			Rouffignac, Eric Pierre de et al.
US 20030116315 A1	US-PGPUB	20030626	In situ thermal processing of a relatively permeable formation
		166/256	Wellington, Scott Lee et al.
US 20030111223 A1	US-PGPUB	20030619	In situ thermal processing of an oil shale formation using horizontal heat sources
166/302; 166/59; 166/60			Rouffignac, Eric Pierre de et al.
US 20030102130 A1	US-PGPUB	20030605	In situ thermal recovery from a relatively permeable formation with quality control
166/302	166/303; 166/60		Vinegar, Harold J. et al.
US 20030102126 A1	US-PGPUB	20030605	In situ thermal recovery from a relatively permeable formation with controlled production rate
166/272.1			Sumnu-Dindoruk, Meliha Deniz et al.
US 20030102125 A1	US-PGPUB	20030605	In situ thermal processing of a relatively permeable formation in a reducing environment
166/266			Wellington, Scott Lee et al.

US 20030102124 A1	US-PGPUB	20030605	In situ thermal processing of a blending agent from a relatively permeable formation
166/256			Vinegar, Harold J. et al.
US 20030100451 A1	US-PGPUB	20030529	In situ thermal recovery from a relatively permeable formation with backproduction through a heater wellbore
507/100			Messier, Margaret Ann et al.
US 20030098605 A1	US-PGPUB	20030529	In situ thermal recovery from a relatively permeable formation
		166/302	166/256
			Vinegar, Harold J. et al.
US 20030098149 A1	US-PGPUB	20030529	In situ thermal recovery from a relatively permeable formation using gas to increase mobility
166/52			Wellington, Scott Lee et al.
US 20030080604 A1	US-PGPUB	20030501	In situ thermal processing and inhibiting migration of fluids into or out of an in situ oil shale formation
299/14			166/256; 166/272.1
			Vinegar, Harold J. et al.
US 20030079877 A1	US-PGPUB	20030501	In situ thermal processing of a relatively impermeable formation in a reducing environment
166/272.1			Wellington, Scott Lee et al.
US 20030055137 A1	US-PGPUB	20030320	Flexible polypropylene resin
		524/115	524/323; 524/414
			Yukimasa, Shinichi et al.
US 20030044301 A1	US-PGPUB	20030306	METHOD OF MAKING OPEN CELL MATERIAL
		419/2	Lefebvre, Louis-Philippe et al.
US 20020137814 A1	US-PGPUB	20020926	Biodegradable compositions comprising poly(cycloaliphatic phosphoester) compounds, articles, and methods for using the same
		523/122	424/130.1; 424/184.1; 528/398
			Dang, Wenbin et al.
US 20020048546 A1	US-PGPUB	20020425	Trivalent and tetravalent mixed vanadium compound producing method and vanadium electrolyte producing method
		423/544	429/105; 429/205
			Tanaka, Yasuyuki et al.
US 6939828 B2	USPAT	20050906	Thermal dye-transfer receiver element comprising a silicone release agent in the dye-image receiving layer
503/227			156/237; 156/277
			Arrington; Eric E. et al.
US 6855756 B2	USPAT	20050215	Flexible polypropylene resin
		524/128	524/581; 524/582; 524/583
			Yukimasa; Shinichi et al.
US 6800672 B2	USPAT	20041005	Biodegradable compositions comprising poly(cycloaliphatic phosphoester) compounds, articles, and methods for using the same
		523/113	424/486; 424/78.08; 523/111; 523/124; 524/610; 528/356; 528/359; 528/400
			Dang; Wenbin et al.
US 6660224 B2	USPAT	20031209	Method of making open cell material
		419/2	264/628; 75/252
			Lefebvre; Louis-Philippe et al.

US 6613298 B2	USPAT	20030902	Trivalent and tetravalent mixed vanadium compound producing method and vanadium electrolyte producing method	423/62 423/544; 429/105; 429/205	Tanaka; Yasuyuki et al.
US 6482903 B1	USPAT	20021119	Method for preparing a supported catalyst system and its use in a polymerization process	526/130 502/118; 502/120; 502/132; 526/129; 526/160	Agapiou; Agapios K. et al.
US 6403675 B1	USPAT	20020611	Biodegradable compositions comprising poly(cycloaliphatic phosphoester) compounds, articles, and methods for using the same	523/113 424/486; 424/78.08; 523/111; 523/124; 524/610; 528/356; 528/359; 528/400; 623/924	Dang; Wenbin et al.
US 6316572 B1	USPAT	20011113	17 Curable composition for coatings, coated articles and resin composition for coatings	528/33 428/413; 428/447; 525/100; 525/105; 525/106; 528/34	Nambu; Toshiro et al.
US 6013406 A	USPAT	20000111	Toner for developing electrostatic images, and image-forming method	430/108.22 430/108.4; 430/111.4; 430/126	Moriki; Yuji et al.
US 4829104 A	USPAT	19890509	Controlled film build epoxy coatings applied by cathodic electrodeposition	523/403 525/524	McIntyre; John M. et al.



FILE LAST UPDATED: 20 Jun 2006 (20060620/ED)

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They are available for your review at:

<http://www.cas.org/infopolicy.html>

```
=> s benzene phosphinic acid
    297945 BENZENE
    14313 BENZENES
    302903 BENZENE
        (BENZENE OR BENZENES)
    6572 PHOSPHINIC
    2 PHOSPHINICS
    6574 PHOSPHINIC
        (PHOSPHINIC OR PHOSPHINICS)
    4164086 ACID
    1527700 ACIDS
    4655207 ACID
        (ACID OR ACIDS)
L1      8 BENZENE PHOSPHINIC ACID
        (BENZENE (W) PHOSPHINIC (W) ACID)
```

```
=> S silicon dioxide
    772475 SILICON
    457 SILICONS
    772639 SILICON
        (SILICON OR SILICONS)
    462308 DIOXIDE
    6612 DIOXIDES
    463993 DIOXIDE
        (DIOXIDE OR DIOXIDES)
L2      32977 SILICON DIOXIDE
        (SILICON (W) DIOXIDE)
```

```
=> s L1 and L2
L3      0 L1 AND L2
```

=>

---Logging off of STN---

```
=>
Executing the logoff script...
```

```
=> LOG Y
```

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.21	10.86

STN INTERNATIONAL LOGOFF AT 14:57:18 ON 21 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 21 Jun 2006 VOL 144 ISS 26  
FILE LAST UPDATED: 20 Jun 2006 (20060620/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

```
=> s benzene phosphinic acid
    297945 BENZENE
    14313 BENZENES
    302903 BENZENE
        (BENZENE OR BENZENES)
    6572 PHOSPHINIC
    2 PHOSPHINICS
    6574 PHOSPHINIC
        (PHOSPHINIC OR PHOSPHINICS)
    4164086 ACID
    1527700 ACIDS
    4655207 ACID
        (ACID OR ACIDS)
L1      8 BENZENE PHOSPHINIC ACID
        (BENZENE(W) PHOSPHINIC(W) ACID)
```

```
=> S pellets
L2      59729 PELLETS
```

```
=> s L1 and L2
L3      1 L1 AND L2
```

```
=> D L3
```

```
L3      ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
AN      2004:41484  CAPLUS
DN      140:102414
TI      Methods of producing benzene phosphinic acid
        having improved flowability and not being prone to agglomerate upon
        storage
IN      Bolomey, Pascal V.; Wang, William C.; Dickerson, Thomas W.; Love, James D.
PA      Ferro Corporation, USA
SO      PCT Int. Appl., 13 pp.
        CODEN: PIXXD2
DT      Patent
LA      English
FAN.CNT 1
```

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2004005303	A1	20040115	WO 2003-US20278	20030626
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IT, LU, MC, NL, PT, RO, SE, SI, SK, TR  
 AU 2003247734 A1 20040123 AU 2003-247734 20030626  
 US 2005070732 A1 20050331 US 2003-606945 20030626  
 PRAI US 2002-393162P P 20020702  
 WO 2003-US20278 W 20030626  
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s briquettes  
 L4 1561 BRIQUETTES

=> s L1 and L4  
 L5 1 L1 AND L4

=> D L5

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2004:41484 CAPLUS  
 DN 140:102414  
 TI Methods of producing **benzene phosphinic acid**  
 having improved flowability and not being prone to agglomerate upon  
 storage  
 IN Bolomey, Pascal V.; Wang, William C.; Dickerson, Thomas W.; Love, James D.  
 PA Ferro Corporation, USA  
 SO PCT Int. Appl., 13 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004005303	A1	20040115	WO 2003-US20278	20030626
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	AU 2003247734	A1	20040123	AU 2003-247734	20030626
	US 2005070732	A1	20050331	US 2003-606945	20030626
PRAI	US 2002-393162P	P	20020702		
	WO 2003-US20278	W	20030626		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=>

---Logging off of STN---

=>  
 Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

13.41

14.25

STN INTERNATIONAL LOGOFF AT 15:20:48 ON 21 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptalxnl621

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist  
visualization results  
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN  
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes  
NEWS 9 MAR 22 EMBASE is now updated on a daily basis  
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL  
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC  
thesaurus added in PCTFULL  
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered  
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced  
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display  
in MARPAT  
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during  
second quarter; strategies may be affected  
NEWS 16 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records  
NEWS 17 MAY 11 KOREAPAT updates resume  
NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 19 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and  
USPATFULL/USPAT2  
NEWS 20 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS  
NEWS 21 JUN 02 The first reclassification of IPC codes now complete in  
INPADOC  
  
NEWS EXPRESS JUNE 16 CURRENT WINDOWS VERSION IS V8.01b, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 MAY 2006.  
  
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NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available after June 2006

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FILE 'HOME' ENTERED AT 14:56:17 ON 21 JUN 2006

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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Property values tagged with IC are from the ZIC/VINITI data file  
 provided by InfoChem.

STRUCTURE FILE UPDATES: 20 JUN 2006 HIGHEST RN 888507-19-5  
 DICTIONARY FILE UPDATES: 20 JUN 2006 HIGHEST RN 888507-19-5

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now     *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS  
 for details.

REGISTRY includes numerically searchable data for experimental and  
 predicted properties as well as tags indicating availability of  
 experimental property data in the original document. For information  
 on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.44	0.65

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FILE COVERS 1907 - 21 Jun 2006 VOL 144 ISS 26

FILE LAST UPDATED: 20 Jun 2006 (20060620/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.  
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s benzene phosphinic acid

297945 BENZENE  
14313 BENZENES  
302903 BENZENE  
(BENZENE OR BENZENES)  
6572 PHOSPHINIC  
2 PHOSPHINICS  
6574 PHOSPHINIC  
(PHOSPHINIC OR PHOSPHINICS)  
4164086 ACID  
1527700 ACIDS  
4655207 ACID

(ACID OR ACIDS)  
L1 8 BENZENE PHOSPHINIC ACID  
(BENZENE(W) PHOSPHINIC(W) ACID)

=> S silicon dioxide

772475 SILICON  
457 SILICONS  
772639 SILICON  
(SILICON OR SILICONS)  
462308 DIOXIDE  
6612 DIOXIDES  
463993 DIOXIDE  
(DIOXIDE OR DIOXIDES)

L2 32977 SILICON DIOXIDE  
(SILICON(W) DIOXIDE)

=> s L1 and L2

L3 0 L1 AND L2

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.21	10.86

STN INTERNATIONAL LOGOFF AT 14:57:18 ON 21 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptalxn1621

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist  
visualization results  
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN  
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes  
NEWS 9 MAR 22 EMBASE is now updated on a daily basis  
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPFULL  
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC  
thesaurus added in PCTFULL  
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered  
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced  
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display  
in MARPAT  
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during  
second quarter; strategies may be affected  
NEWS 16 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records  
NEWS 17 MAY 11 KOREAPAT updates resume  
NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 19 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and  
USPATFULL/USPAT2  
NEWS 20 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS  
NEWS 21 JUN 02 The first reclassification of IPC codes now complete in  
INPADOC  
  
NEWS EXPRESS JUNE 16 CURRENT WINDOWS VERSION IS V8.01b, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 MAY 2006.  
  
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NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available after June 2006

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FILE 'HOME' ENTERED AT 15:16:40 ON 21 JUN 2006

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.84

0.84

FILE 'CAPLUS' ENTERED AT 15:18:52 ON 21 JUN 2006

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FILE COVERS 1907 - 21 Jun 2006 VOL 144 ISS 26  
FILE LAST UPDATED: 20 Jun 2006 (20060620/ED)

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```
=> s benzene phosphinic acid
      297945 BENZENE
      14313 BENZENES
      302903 BENZENE
            (BENZENE OR BENZENES)
      6572 PHOSPHINIC
      2 PHOSPHINICS
      6574 PHOSPHINIC
            (PHOSPHINIC OR PHOSPHINICS)
      4164086 ACID
      1527700 ACIDS
      4655207 ACID
            (ACID OR ACIDS)
L1      8 BENZENE PHOSPHINIC ACID
            (BENZENE(W) PHOSPHINIC(W) ACID)
```

```
=> S pellets
L2      59729 PELLETS
```

```
=> s L1 and L2
L3      1 L1 AND L2
```

```
=> D L3
```

```
L3      ANSWER 1 OF 1 CAPLUS  COPYRIGHT 2006 ACS on STN
AN      2004:41484  CAPLUS
DN      140:102414
TI      Methods of producing benzene phosphinic acid
      having improved flowability and not being prone to agglomerate upon
      storage
IN      Bolomey, Pascal V.; Wang, William C.; Dickerson, Thomas W.; Love, James D.
PA      Ferro Corporation, USA
SO      PCT Int. Appl., 13 pp.
      CODEN: PIXXD2
DT      Patent
LA      English
FAN.CNT 1
```

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 2004005303	A1	20040115	WO 2003-US20278	20030626
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IT, LU, MC, NL, PT, RO, SE, SI, SK, TR  
 AU 2003247734 A1 20040123 AU 2003-247734 20030626  
 US 2005070732 A1 20050331 US 2003-606945 20030626  
 PRAI US 2002-393162P P 20020702  
 WO 2003-US20278 W 20030626  
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s briquettes  
 L4 1561 BRIQUETTES

=> s L1 and L4  
 L5 1 L1 AND L4

=> D L5

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2004:41484 CAPLUS  
 DN 140:102414  
 TI Methods of producing **benzene phosphinic acid**  
 having improved flowability and not being prone to agglomerate upon  
 storage  
 IN Bolomey, Pascal V.; Wang, William C.; Dickerson, Thomas W.; Love, James D.  
 PA Ferro Corporation, USA  
 SO PCT Int. Appl., 13 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004005303	A1	20040115	WO 2003-US20278	20030626
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	AU 2003247734	A1	20040123	AU 2003-247734	20030626
	US 2005070732	A1	20050331	US 2003-606945	20030626
PRAI	US 2002-393162P	P	20020702		
	WO 2003-US20278	W	20030626		
RE.CNT	5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=>

---Logging off of STN---

=>  
 Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

13.41

14.25

STN INTERNATIONAL LOGOFF AT 15:20:48 ON 21 JUN 2006